

**A METHOD, SYSTEM, AND APPARATUS FOR
ENCRYPTING A WEB BROWSER SCRIPT**

ABSTRACT

A method, system, and apparatus for encrypting a web browser script that prevents an
5 unauthorized user from inspecting or reverse engineering the script and is compatible with any
script-enabled web browser. When development of a script is complete, a script author uses an
encryption program to encrypt the script, modify the web page to refer to the encrypted script,
and create a decryption program capable of decrypting the encrypted script. The system makes
the encrypted script publicly available on the Internet by copying the encrypted script, modified
10 web page, and decryption program to a web server. A user accessing the encrypted script uses a
web browser on the client computer to request from a web server a web page that includes a
reference to the encrypted script. The web browser displays the contents of the web page to the
user by interpreting the hypertext markup language (“HTML”) tags embedded in the web page.
The HTML tags embedded in the web page identify the uniform resource locators (“URLs”) for
15 the decryption program and encrypted script. The runtime environment of the client computer
receives the decryption program and encrypted script from the web server and applies the
decryption program to the encrypted script to produce the script. The runtime environment
transfers the script to the web browser for execution.